

STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
SALT LAKE CITY, UTAH

AUTHORIZATION TO DISCHARGE UNDER THE
UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM
(UPDES)

In compliance with provisions of the *Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated ("UCA") 1953, as amended* (the "Act"),


THE CITY OF SALEM, UTAH

is hereby authorized to discharge from its wastewater treatment facility with the Outfall 001 located at latitude 40° 04' 18" and longitude 111E 41' 18" and Outfall 002 located at latitude 40° 04' 29" and longitude 111E 41' 15" to receiving waters an unnamed irrigation ditch to Beer Creek in accordance with the discharge point, effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective on April 1, 2015.

This permit and the authorization to discharge shall expire at midnight, March 31, 2020.

Signed this the 3 day of April, 2015



Walter L. Baker, P.E.
Director

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I. DISCHARGE LIMITATIONS AND REPORTING REQUIREMENTS

- A. Description of Discharge Point. The authorization to discharge wastewater provided under this part is limited to those outfalls specifically designated below as discharge locations. Discharges at any location not authorized under a UPDES permit are violations of the *Act* and may be subject to penalties under the *Act*. Knowingly discharging from an unauthorized location or failing to report an unauthorized discharge may be subject to criminal penalties as provided under the *Act*.

Outfall Number

Location of Discharge Outfall

001

Discharge is from the southwest of the facility. The discharge is located at latitude 40° 04' 18" and longitude 111° 41' 18" and is to an unnamed irrigation ditch which flows to Beer Creek.

002

Discharge is to the head of constructed wetlands (located on Salem City property) located at latitude 40° 04' 29" and longitude 111° 41' 15" and then to an unnamed irrigation ditch which flows to Beer Creek.

- B. Narrative Standard. It shall be unlawful, and a violation of this permit, for the permittee to discharge or place any waste or other substance in such a way as will be or may become offensive such as unnatural deposits, floating debris, oil, scum, or other nuisances such as color, odor or taste, or cause conditions which produce undesirable aquatic life or which produce objectionable tastes in edible aquatic organisms; or result in concentrations or combinations of substances which produce undesirable physiological responses in desirable resident fish, or other desirable aquatic life, or undesirable human health effects, as determined by a bioassay or other tests performed in accordance with standard procedures.
- C. Specific Limitations and Self-Monitoring Requirements.
1. Effective immediately and lasting the duration of this permit, the permittee is authorized to discharge from Outfall 001 and Outfall 002. Such discharges shall be limited and monitored by the permittee as specified below:

Table 1. Effluent Limitations Outfall 001 and Outfall 002 a/				
	30-day	7-day	Daily	Daily
Effluent Characteristics	Average	Average	Minimum	Maximum
BOD₅, mg/L	45	65	NA	NA
BOD₅ Minimum % Removal	85	NA	NA	NA
TSS, mg/L	45	65	NA	NA
TSS Minimum % Removal	85	NA	NA	NA
E. coli, no./100mL	126	157	NA	NA
Flow, MGD b/ c/	NA	NA	NA	NA
Ammonia, mg/L	NA	NA	NA	23
Total Residual Chlorine, mg/L	NA	NA	NA	2.0
Oil & Grease, mg/L	NA	NA	NA	10
pH, Standard Units	NA	NA	6.5	9.0
Dissolved Oxygen, mg/L	NA	NA	5.0	NA

The pH of the discharge shall not be less than 6.5 standard units nor greater than 9.0 standard units in any sample and shall be monitored at Outfall 001 daily by a grab sample.

The dissolved oxygen shall not be less than 5 mg/L and shall be monitored at Outfalls 001 and 002 weekly by a grab sample.

Percentage Removal Requirements (Total Suspended Solids (TSS), Biochemical Oxygen Demand (BOD₅) or Carbonaceous Biochemical Oxygen Demand (CBOD₅) Limitation): In addition to the concentration limitation on TSS and BOD₅ or CBOD₅ indicated above, the arithmetic mean for the TSS and BOD₅ or CBOD₅ concentration for effluent samples collected in a period of thirty (30) consecutive days shall not exceed fifteen (15) percent of the arithmetic mean of the concentration for influent samples collected at approximately the same times during the same period (85 percent removal).

- a/ See Definitions, *Part I.A*, for definition of terms.
- b/ Flow measurements of influent/effluent volume shall be made in such a manner that the permittee can affirmatively demonstrate that representative values are being obtained.
- c/ If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- d/ Parameters to be monitored at Outfall 001 only.

Table 1a. Self-Monitoring and Reporting Requirements			
Parameter	Frequency	Sample Type	Units
Influent Flow	Continuous	Recorder	MGD
Effluent Flow	Daily	Gauge	MGD
BOD₅	Weekly	Grab	mg/L
TSS	Weekly	Grab	mg/L
<i>E. coli</i>	Weekly	Grab	Col/100 ml
Total Residual Chlorine	Daily	Grab	mg/L
Ammonia	Weekly	Grab	mg/L
Oil & Grease /a	Monthly	Grab	mg/L
pH	Weekly	Grab	SU
Dissolved Oxygen	Weekly	Grab	mg/L
Metals, Influent and Effluent	Yearly Yearly	Composite Composite	mg/L mg/L
Organic Toxics, Influent and Effluent	1st, 3rd and 5th Year of the permit	Grab	mg/L

- a/ Grab sample for Oil and Grease to be taken only when there is a visible sheen is observed in the effluent.
2. Compliance Schedule. The permittee shall complete the listed items (below) by the indicated dates.
 - a. By August 1, 2016 Salem City shall submit for Division approval the Wastewater Master Plan describing in detail the community needs, alternatives considered, pretreatment requirements (if necessary), and plans for financing and implementing the recommended and necessary improvements to the Salem wastewater treatment.
 - b. By February 1, 2018 Salem City shall submit detailed construction plans and specifications to DWQ to obtain a construction permit.
 - c. By February 1, 2019 Salem City shall commence construction of approved wastewater treatment upgrades as outlined in the DWQ construction permit.
 - d. By August 1, 2021 Salem City shall complete construction of wastewater treatment upgrades and begin startup and optimization of upgraded wastewater treatment processes.

- e. After 1 year from the time construction is complete at the facility, Salem City shall achieve compliance with all effluent limits prescribed in UPDES Permit # UT0020907 including the new ammonia effluent limits. The final Ammonia limits from outfall 001 and Outfall 002 of 1.5 mg/L in all seasons.

D. Reporting of Wastewater Monitoring Results. Monitoring results obtained during the previous month shall be summarized for each month and reported either via NetDMR, or on a Discharge Monitoring Report Form (EPA No. 3320-1), post-marked no later than the 28th day of the month following the completed reporting period. If no discharge occurs during the reporting period, "no discharge" shall be reported. Legible copies of these, and all other reports including whole effluent toxicity (WET) test reports, shall be signed and certified in accordance with the requirements of *Signatory Requirements (see Part V.G)*, and submitted to the Division of Water Quality at the following address:

Department of Environmental Quality
Division of Water Quality
PO Box 144870
Salt Lake City, Utah 84114-4870

II. INDUSTRIAL PRETREATMENT PROGRAM

A. Definitions.

For this section the following definitions shall apply:

1. Significant industrial user (SIU) is defined as an industrial user discharging to a publicly-owned treatment works (POTW) that satisfies any of the following:
 - a. Has a process wastewater flow of 25,000 gallons or more per average work day;
 - b. Has a flow greater than five percent of the flow carried by the municipal system receiving the waste;
 - c. Is subject to Categorical Pretreatment Standards, or
 - d. Has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement.
2. Local Limit is defined as a limit designed to prevent pass through and/or interference. And is developed in accordance with 40 CFR 403.5(c).

B. Pretreatment Reporting Requirements

Because the design capacity of this municipal wastewater treatment facility is less than 5 MGD, the permittee will not be required to develop a State-approved industrial pretreatment program at this time. However, in order to determine if development of an industrial pretreatment program is warranted, the permittee shall conduct an **industrial waste survey**, as described in *Part II.D*, and submit it to the Division of Water Quality within **One Hundred Eighty (180) calendar days** of the effective date of this permit.

C. Self-Monitoring and Reporting Requirements.

1. Because the design capacity of this municipal wastewater treatment facility is less than 5 MGD, the permittee will not be required to develop a State-approved industrial pretreatment program at this time. However, in order to determine if development of an industrial pretreatment program is warranted, the permittee shall conduct an **industrial waste survey**, as described in *Part II.D*., and submit it to the Division of Water Quality within **sixty (60) calendar days** of the effective date of this permit and shall sample and analyze both the influent and effluent annually, for the following parameters.

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Metals Monitoring for Pretreatment Program			
Parameter	Sample Type	Frequency	Units
Total Arsenic	Composite	Quarterly	mg/L
Total Cadmium			
Total Chromium			
Total Copper			
Total Cyanide			
Total Lead			
Total Mercury	Composite/Grab		
Total Molybdenum	Composite		
Total Nickel			
Total Selenium			
Total Silver			
Total Zinc			

In addition, the permittee shall analyze the treatment facility influent and effluent for the presence of the toxic pollutants listed in *40 CFR 122 Appendix D Table II (Organic Toxic Pollutants)* during the 1st, 3rd, and 5th year of the permit cycle. The pesticides fraction of *Appendix D, Table II* is suspended unless pesticides are expected to be present.

The results of these analyses shall be submitted along with the Discharge Monitoring Report (DMR) at the end of that reporting period.

D. Industrial Waste Survey (IWS).

1. The industrial waste survey consists of;
 - a. Identifying each industrial user (IU) and determining if the IU is a significant industrial user (SIU),
 - b. Determination of the qualitative and quantitative characteristics of each discharge, and
 - c. Appropriate production data.
2. The IWS must be maintained and updated with IU information as necessary, to ensure that all IUs are properly permitted and/or controlled at all times. Updates must be submitted to the Director sixty (60) days following a change to the IWS.
3. Evaluate all significant industrial users at least once every two years to determine if they need to develop a slug prevention plan. If a slug prevention plan is required, the permittee shall notify the Director.

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4. Notify all significant industrial users of their obligation to comply with applicable requirements under *Subtitles C and D* of the *Resource Conservation and Recovery Act (RCRA)*.
5. The permittee must notify the Director of any new introductions by new or existing SIUs or any substantial change in pollutants from any major industrial source. Such notice must contain the information described in 1. above, and be forwarded no later than sixty (60) days following the introduction or change.

E. General and Specific Prohibitions

1. Developed pursuant to *Section 307 of The Water Quality Act of 1987* require that under no circumstances shall the permittee allow introduction of the following pollutants into the waste treatment system from any source of non-domestic discharge:
 - a. Pollutants which create a fire or explosion hazard in the publicly owned treatment works (POTW), including, but not limited to, wastestreams with a closed cup flashpoint of less than 140°F (60°C);
 - b. Pollutants, which will cause corrosive structural damage to the POTW, but in no case, discharges with a pH lower than 5.0;
 - c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;
 - d. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at such volume or strength as to cause interference in the POTW;
 - e. Heat in amounts, which will inhibit biological activity in the POTW, resulting in interference, but in no case, heat in such quantities that the influent to the sewage treatment works exceeds 104°F (40°C);
 - f. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
 - g. Pollutants which result in the presence of toxic gases, vapor, or fumes within the POTW in a quantity that may cause worker health or safety problems; or,
 - h. Any trucked or hauled pollutants, except at discharge points designated by the POTW.
 - i. Any pollutant that causes pass through or interference at the POTW.
2. In addition to the general and specific limitations expressed above, more specific pretreatment limitations have been and will be promulgated for specific industrial categories under *Section 307 of the Water Quality Act of 1987 as amended*

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(WQA). (See 40 CFR, Subchapter N, Parts 400 through 500, for specific information).

F. Signification Industrial Users Discharging to the POTW.

The permittee shall provide adequate notice to the Director and the Division of Water Quality Industrial Pretreatment Coordinator of;

1. Any new introduction of pollutants into the treatment works from an indirect discharger (i.e., industrial user) which would be subject to *Sections 301 or 306* of the *WQA* if it were directly discharging those pollutants;
2. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit; and
3. For the purposes of this section, adequate notice shall include information on:
 - a. The quality and quantity of effluent to be introduced into such treatment works; and,
 - b. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from such publicly owned treatment works.
4. Any SIU that must comply with applicable requirements under *Subtitles C and D* of the *Resource Conservation and Recovery Act (RCRA)*.

G. Change of Conditions.

At such time as a specific pretreatment limitation becomes applicable to an industrial user of the permittee, the Director may, as appropriate, do the following:

1. Amend the permittee's UPDES discharge permit to specify the additional pollutant(s) and corresponding effluent limitation(s) consistent with the applicable national pretreatment limitation;
2. Require the permittee to specify, by ordinance, contract, or other enforceable means, the type of pollutant(s) and the maximum amount which may be discharged to the permittee's facility for treatment. Such requirement shall be imposed in a manner consistent with the POTW program development requirements of the *General Pretreatment Regulations* at 40 CFR 403;
3. Require the permittee to monitor its discharge for any pollutant, which may likely be discharged from the permittee's facility, should the industrial user fail to properly pretreat its waste; and/or,
4. Require the permittee to develop an approved pretreatment program.

H. Legal Action.

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The Director retains, at all times, the right to take legal action against the industrial user and/or the treatment works, in those cases where a permit violation has occurred because of the failure of an industrial user to discharge at an acceptable level. If the permittee has failed to properly delineate maximum acceptable industrial contributor levels, the Director will look primarily to the permittee as the responsible party.

I. Local Limits

If local limits are developed per R317-8-8.5(4)(b) to protect the POTW from passthrough or interference, then the POTW must submit limits to DWQ for review and public notice, as required by R317-8-8.5(4)(c).

III. MONITORING, RECORDING & GENERAL REPORTING REQUIREMENTS

- A. Representative Sampling. Samples taken in compliance with the monitoring requirements established under *Part I* shall be collected from the effluent stream prior to discharge into the receiving waters. Samples and measurements shall be representative of the volume and nature of the monitored discharge. Samples of biosolids shall be collected at a location representative of the quality of biosolids immediately prior to the use-disposal practice.
- B. Monitoring Procedures. Monitoring must be conducted according to test procedures approved under *Utah Administrative Code ("UAC") R317-2-10 and 40CFR Part 503*, unless other test procedures have been specified in this permit.
- C. Penalties for Tampering. The *Act* provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than six months per violation, or by both.
- D. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any Compliance Schedule of this permit shall be submitted no later than 14 days following each schedule date.
- E. Additional Monitoring by the Permittee. If the permittee monitors any parameter more frequently than required by this permit, using test procedures approved under *UAC R317-2-10 and 40 CFR 503* or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. Such increased frequency shall also be indicated. Only those parameters required by the permit need to be reported.
- F. Records Contents. Records of monitoring information shall include:
1. The date, exact place, and time of sampling or measurements;
 2. The individual(s) who performed the sampling or measurements;
 3. The date(s) and time(s) analyses were performed;
 4. The individual(s) who performed the analyses;
 5. The analytical techniques or methods used; and,
 6. The results of such analyses.
- G. Retention of Records. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least five years from the date of the sample, measurement, report or application. This period may be extended by request of the

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Director at any time. A copy of this UPDES permit must be maintained on site during the duration of activity at the permitted location

H. Twenty-four Hour Notice of Noncompliance Reporting.

1. The permittee shall (orally) report any noncompliance including transportation accidents, spills, and uncontrolled runoff from biosolids transfer or land application sites which may seriously endanger health or environment, as soon as possible, but no later than twenty-four (24) hours from the time the permittee first became aware of circumstances. The report shall be made to the Division of Water Quality, (801) 536-4300, or 24-hour answering service (801) 536-4123.
2. The following occurrences of noncompliance shall be reported by telephone (801) 536-4123 as soon as possible but no later than 24 hours from the time the permittee becomes aware of the circumstances:
 - a. Any noncompliance which may endanger health or the environment;
 - b. Any unanticipated bypass, which exceeds any effluent limitation in the permit (See *Part IV.G, Bypass of Treatment Facilities.*);
 - c. Any upset which exceeds any effluent limitation in the permit (See *Part IV.H, Upset Conditions.*);
 - d. Violation of a maximum daily discharge limitation for any of the pollutants listed in the permit; or,
 - e. Violation of any of the Table 3 metals limits, the pathogen limits, the vector attraction reduction limits or the management practices for biosolids that have been sold or given away.
3. A written submission shall also be provided within five days of the time that the permittee becomes aware of the circumstances. The written submission shall contain:
 - a. A description of the noncompliance and its cause;
 - b. The period of noncompliance, including exact dates and times;
 - c. The estimated time noncompliance is expected to continue if it has not been corrected;
 - d. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and,
 - e. Steps taken, if any, to mitigate the adverse impacts on the environment and human health during the noncompliance period.

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4. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours by the Division of Water Quality, (801) 536-4300.
5. Reports shall be submitted to the addresses in *Part I.D, Reporting of Monitoring Results*.
- I. Other Noncompliance Reporting. Instances of noncompliance not required to be reported within 24 hours shall be reported at the time that monitoring reports for *Part I.D* are submitted. The reports shall contain the information listed in *Part III.H.3*
- J. Inspection and Entry The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
 1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;
 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, including but not limited to, biosolids treatment, collection, storage facilities or area, transport vehicles and containers, and land application sites;
 4. Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the *Act*, any substances or parameters at any location, including, but not limited to, digested biosolids before dewatering, dewatered biosolids, biosolids transfer or staging areas, any ground or surface waters at the land application sites or biosolids, soils, or vegetation on the land application sites; and,
 5. The permittee shall make the necessary arrangements with the landowner or leaseholder to obtain permission or clearance, the Director, or authorized representative, upon the presentation of credentials and other documents as may be required by law, will be permitted to enter without delay for the purposes of performing their responsibilities.

IV. COMPLIANCE RESPONSIBILITIES

- A. Duty to Comply. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.
- B. Penalties for Violations of Permit Conditions. The Act provides that any person who violates a permit condition implementing provisions of the Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions or the Act is subject to a fine not exceeding \$25,000 per day of violation. Any person convicted under *UCA 19-5-115(2)* a second time shall be punished by a fine not exceeding \$50,000 per day. Except as provided at *Part IV.G, Bypass of Treatment Facilities* and *Part IV.H, Upset Conditions*, nothing in this permit shall be construed to relieve the permittee of the civil or criminal penalties for noncompliance.
- C. Need to Halt or Reduce Activity not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- D. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or prevent any land application in violation of this permit.
- E. Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems, which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- F. Removed Substances. Collected screening, grit, solids, sludge, or other pollutants removed in the course of treatment shall be disposed of in such a manner so as to prevent any pollutant from entering any waters of the state or creating a health hazard. Sludge/digester supernatant and filter backwash

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shall not directly enter either the final effluent or waters of the state by any other direct route.

G. Bypass of Treatment Facilities.

1. **Bypass Not Exceeding Limitations.** The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to paragraph 2 and 3 of this section.

2. **Prohibition of Bypass.**

- a. Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:
- (1) Bypass was unavoidable to prevent loss of human life, personal injury, or severe property damage;
 - (2) There were no feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance, and
 - (3) The permittee submitted notices as required under *section IV.G.3.*
- b. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in *sections IV.G.3.a (1), (2) and (3).*

3. **Notice.**

- a. ***Anticipated bypass.*** Except as provided above in *section IV.G.2* and below in *section IV.G.3.b*, if the permittee knows in advance of the need for a bypass, it shall submit prior notice, at least ninety days before the date of bypass. The prior notice shall include the following unless otherwise waived by the Director:
- (1) Evaluation of alternative to bypass, including cost-benefit analysis containing an assessment of anticipated resource damages:

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- (2) A specific bypass plan describing the work to be performed including scheduled dates and times. The permittee must notify the Director in advance of any changes to the bypass schedule;
 - (3) Description of specific measures to be taken to minimize environmental and public health impacts;
 - (4) A notification plan sufficient to alert all downstream users, the public and others reasonably expected to be impacted by the bypass;
 - (5) A water quality assessment plan to include sufficient monitoring of the receiving water before, during and following the bypass to enable evaluation of public health risks and environmental impacts; and,
 - (6) Any additional information requested by the Director.
- b. *Emergency Bypass.* Where ninety days advance notice is not possible, the permittee must notify the Director, and the Director of the Department of Natural Resources, as soon as it becomes aware of the need to bypass and provide to the Director the information in *section VI.G.3.a.(1) through (6)* to the extent practicable.
- c. *Unanticipated bypass.* The permittee shall submit notice of an unanticipated bypass to the Director as required under *Part III.H, Twenty Four Hour Reporting*. The permittee shall also immediately notify the Director of the Department of Natural Resources, the public and downstream users and shall implement measures to minimize impacts to public health and environment to the extent practicable.

H. Upset Conditions.

1. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of paragraph 2 of this section are met. Director's administrative determination regarding a claim of upset cannot be judiciously challenged by the permittee until such time as an action is initiated for noncompliance.
2. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a. An upset occurred and that the permittee can identify the cause(s) of the upset;

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- b. The permitted facility was at the time being properly operated;
 - c. The permittee submitted notice of the upset as required under *Part III.H, Twenty-four Hour Notice of Noncompliance Reporting*; and,
 - d. The permittee complied with any remedial measures required under *Part IV.D, Duty to Mitigate*.
3. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

V. GENERAL REQUIREMENTS

- A. Planned Changes. The permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when the alteration or addition could significantly change the nature or increase the quantity of parameters discharged or pollutant sold or given away. This notification applies to pollutants, which are not subject to effluent limitations in the permit. In addition, if there are any planned substantial changes to the permittee's existing sludge facilities or their manner of operation or to current sludge management practices of storage and disposal, the permittee shall give notice to the Director of any planned changes at least 30 days prior to their implementation.
- B. Anticipated Noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.
- C. Permit Actions. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- D. Duty to Reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee shall apply for and obtain a new permit. The application shall be submitted at least 180 days before the expiration date of this permit.
- E. Duty to Provide Information. The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.
- F. Other Information. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or any report to the Director, it shall promptly submit such facts or information.
- G. Signatory Requirements. All applications, reports or information submitted to the Director shall be signed and certified.
 - 1. All permit applications shall be signed by either a principal executive officer or ranking elected official.

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2. All reports required by the permit and other information requested by the Director shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - a. The authorization is made in writing by a person described above and submitted to the Director, and,
 - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. A duly authorized representative may thus be either a named individual or any individual occupying a named position.
3. Changes to authorization. If an authorization under *paragraph V.G.2* is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of *paragraph V.G.2.* must be submitted to the Director prior to or together with any reports, information, or applications to be signed by an authorized representative.
4. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
- H. Penalties for Falsification of Reports. The *Act* provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction be punished by a fine of not more than \$10,000.00 per violation, or by imprisonment for not more than six months per violation, or by both.

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- I. Availability of Reports. Except for data determined to be confidential under *UAC R317-8-3.2*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of Director. As required by the *Act*, permit applications, permits and effluent data shall not be considered confidential.
- J. Oil and Hazardous Substance Liability. Nothing in this permit shall be construed to preclude the permittee of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under the *Act*.
- K. Property Rights. The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
- L. Severability. The provisions of this permit are severable, and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
- M. Transfers. This permit may be automatically transferred to a new permittee if:
1. The current permittee notifies the Director at least 20 days in advance of the proposed transfer date;
 2. The notice includes a written agreement between the existing and new permittee's containing a specific date for transfer of permit responsibility, coverage, and liability between them; and,
 3. The Director does not notify the existing permittee and the proposed new permittee of his or her intent to modify, or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph 2 above.
- N. State or Federal Laws. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by *UCA 19-5-117* and *Section 510* of the *Act* or any applicable Federal or State transportation regulations, such as but not limited to the Department of Transportation regulations.
- O. Water Quality - Reopener Provision. This permit may be reopened and modified (following proper administrative procedures) to include the

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appropriate effluent limitations and compliance schedule, if necessary, if one or more of the following events occurs:

1. Water Quality Standards for the receiving water(s) to which the permittee discharges are modified in such a manner as to require different effluent limits than contained in this permit.
 2. A final wasteload allocation is developed and approved by the State and/or EPA for incorporation in this permit.
 3. Revisions to the current CWA § 208 areawide treatment management plans or promulgations/revisions to TMDLs (40 CFR 130.7) approved by the EPA and adopted by DWQ which calls for different effluent limitations than contained in this permit.
- P. Biosolids – Reopener Provision. This permit may be reopened and modified (following proper administrative procedures) to include the appropriate biosolids limitations (and compliance schedule, if necessary), management practices, other appropriate requirements to protect public health and the environment, or if there have been substantial changes (or such changes are planned) in biosolids use or disposal practices; applicable management practices or numerical limitations for pollutants in biosolids have been promulgated which are more stringent than the requirements in this permit; and/or it has been determined that the permittees biosolids use or land application practices do not comply with existing applicable state or federal regulations.
- Should the SCWRF change their disposal methods or the biosolids generation and handling processes of the plant, the RCWRF must notify the Director at least 180 days in advance. This includes, but is not limited to, the addition or removal of any biosolids treatment units (e.g., digesters, drying beds, etc.) and/or any other change that would require a major modification of the permit.
- Q. Toxicity Limitation - Reopener Provision. This permit may be reopened and modified (following proper administrative procedures) to include whole effluent toxicity (WET) testing, a WET limitation, a compliance schedule, a compliance date, additional or modified numerical limitations, or any other conditions related to the control of toxicants if toxicity is detected during the life of this permit.
- R. Storm Water-Reopener Provision. At any time during the duration (life) of this permit, this permit may be reopened and modified (following proper administrative procedures) as per *UAC R317.8*, to include, any applicable storm water provisions and requirements, a storm water pollution prevention plan, a compliance schedule, a compliance date, monitoring and/or reporting

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requirements, or any other conditions related to the control of storm water discharges to "waters-of-State".

PART VI
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I. DEFINITIONS

A. Wastewater.

1. The "7-day (and weekly) average", other than for e-coli bacteria, fecal coliform bacteria, and total coliform bacteria, is the arithmetic average of all samples collected during a consecutive 7-day period or calendar week, whichever is applicable. Geometric means shall be calculated for e-coli bacteria, fecal coliform bacteria, and total coliform bacteria. The 7-day and weekly averages are applicable only to those effluent characteristics for which there are 7-day average effluent limitations. The calendar week, which begins on Sunday and ends on Saturday, shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms. Weekly averages shall be calculated for all calendar weeks with Saturdays in the month. If a calendar week overlaps two months (i.e., the Sunday is in one month and the Saturday in the following month), the weekly average calculated for that calendar week shall be included in the data for the month that contains Saturday.
2. The "30-day (and monthly) average," other than for e-coli bacteria, fecal coliform bacteria and total coliform bacteria, is the arithmetic average of all samples collected during a consecutive 30-day period or calendar month, whichever is applicable. Geometric means shall be calculated for e-coli bacteria, fecal coliform bacteria and total coliform bacteria. The calendar month shall be used for purposes of reporting self-monitoring data on discharge monitoring report forms.
3. "Act," means the *Utah Water Quality Act*.
4. "Bypass," means the diversion of waste streams from any portion of a treatment facility.
5. "Composite Samples" shall be flow proportioned. The composite sample shall, as a minimum, contain at least four (4) samples collected over the compositing period. Unless otherwise specified, the time between the collection of the first sample and the last sample shall not be less than six (6) hours nor more than 24 hours. Acceptable methods for preparation of composite samples are as follows:
 - a. Constant time interval between samples, sample volume proportional to flow rate at time of sampling;
 - b. Constant time interval between samples, sample volume proportional to total flow (volume) since last sample. For the first sample, the flow rate at the time the sample was collected may be used;

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- c. Constant sample volume, time interval between samples proportional to flow (i.e., sample taken every "X" gallons of flow); and,
 - d. Continuous sample volume, with sample collection rate proportional to flow rate.
- 6. "CWA," means *The Federal Water Pollution Control Act*, as amended, by *The Clean Water Act of 1987*.
 - 7. "Daily Maximum" (Daily Max.) is the maximum value allowable in any single sample or instantaneous measurement.
 - 8. "EPA," means the United States Environmental Protection Agency.
 - 9. "Director," means Director of the Utah Water Quality Board.
 - 10. A "grab" sample, for monitoring requirements, is defined as a single "dip and take" sample collected at a representative point in the discharge stream.
 - 11. An "instantaneous" measurement, for monitoring requirements, is defined as a single reading, observation, or measurement.
 - 12. "Severe Property Damage," means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
 - 13. "Upset," means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

**FACT SHEET AND STATEMENT OF BASIS
SALEM CITY WASTEWATER TREATMENT FACILITY
UPDES PERMIT NUMBER: UT0020249
RENEWAL PERMIT
MINOR MUNICIPAL**

FACILITY CONTACT: Mayor Randy Brailsford
Salem City Wastewater Treatment Facility
P.O. Box 901
Salem, Utah 84653
Telephone (801) 423-2770
DRC: Mike Pritchett, Wastewater Superintendent

DESCRIPTION OF FACILITY:

The Salem City Wastewater Treatment Facility (facility) consisting of three facultative lagoons was constructed in 1988 and is designed for an average daily flow of 1.25 million gallons per day (MGD) with a peak hydraulic flow of 2 MGD, and a 5-day biochemical oxygen demand (BOD₅) and total suspended solids (TSS) loading of 1200 and 1350 lbs./day respectively. The current average daily flow is approximately 0.66 MGD, and the BOD and TSS loading is 1050 and 990 lbs./day respectively. The facility currently serves Salem City and Elk Ridge.

This facility consists of a 21" influent pipe, sewage dump station, two comminutors, one bar screen, 6" Parshall flume, Drexelbrook electronic flow meter, three lift pumps, three facultative lagoon cells (each at 3.6 acres and 8 feet deep) and chlorine disinfection. Cell one contains 7 aerators, cell two has 4 aerators and cell three has one aerator. All aerators are anchored to a concrete base by steel cables. The facility is also equipped with one Oman 50 KW, 1800 RPM diesel generator for standby power and a 1000 gallon underground fuel storage tank.

DESCRIPTION OF DISCHARGE:

This facility has two outfalls.

<u>Outfall Number</u>	<u>Location of Discharge Point:</u>
001	Discharge is from the southwest of the facility. The discharge is located at latitude 40° 04' 18" and longitude 111° 41' 18" and is to an unnamed irrigation ditch which flows to Beer Creek.
002	Discharge is to the head of constructed wetlands (located on Salem City property) located at latitude 40° 04' 29" and longitude 111° 41' 15" and then to an unnamed irrigation ditch which flows to Beer Creek.

RECEIVING WATERS AND STREAM CLASSIFICATION:

Final discharge is through an irrigation ditch to the Beer Creek classified 2B, 3C and 4 according to *Utah Administrative Code (UAC) R317-2-12*:

Class 2B	-protected for secondary contact recreation such as boating, wading or similar uses.
Class 3C	-protected for nongame fish and other aquatic life, including the necessary aquatic organisms in their food chain.

Class 4 -protected for agricultural uses including irrigation of crops and stock watering.

BASIS FOR EFFLUENT LIMITATIONS:

In accordance with regulations promulgated in *40 Code of Federal Regulations (CFR) Part 122.44* and in *UAC R317-8-4.2*, effluent limitations are derived from technology-based effluent limitations guidelines, Utah Secondary Treatment Standards (*UAC R317-1-3.2*) or Utah Water Quality Standards (*UAC R317-2*). In cases where multiple limits have been developed, those that are more stringent apply. In cases where no water quality standards for a particular parameter have been developed, Best Professional Judgment (BPJ) may be used where applicable.

Effluent limitations are also derived using a WLA (Addendum I). The WLA incorporates Secondary Treatment Standards, Water Quality Standards, and designated uses into a water quality model that projects the effects of discharge concentrations on receiving water quality. Effluent limitations are those that the model demonstrates are sufficient to meet Utah Water Quality Standards in the receiving waters. The facility has previously petitioned the Utah Water Quality Board for the alternate BOD and TSS limits and the Board has granted this request. The permit effluent limitations are set forth in Table 1.

EFFLUENT LIMITATIONS:

Table 1. Effluent Limitations Outfall 001 and Outfall 002 a/				
	30-day	7-day	Daily	Daily
Effluent Characteristics	Average	Average	Minimum	Maximum
BOD ₅ , mg/L	45	65	NA	NA
BOD ₅ Minimum % Removal	85	NA	NA	NA
TSS, mg/L	45	65	NA	NA
TSS Minimum % Removal	85	NA	NA	NA
E. coli, no./100mL	126	157	NA	NA
Flow, MGD b/ c/	NA	NA	NA	NA
Ammonia, mg/L	1.5	NA	NA	23
Total Residual Chlorine, mg/L	NA	NA	NA	2.0
Oil & Grease, mg/L	NA	NA	NA	10
pH, Standard Units	NA	NA	6.5	9.0
Dissolved Oxygen, mg/L	NA	NA	5.0	NA

a/ See Definitions, *Part I.A.*, for definition of terms.

b/ Flow measurements of influent/effluent volume shall be made in such a manner that the permittee can affirmatively demonstrate that representative values are being obtained.

- c/ If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- d/ Parameters to be monitored at Outfall 001 only.

SIGNIFICANT CHANGES:

The Ammonia limit in the permit is being changed. The modification to the ammonia limit is necessitated by a rule change required by EPA and adopted by the Utah Water Quality Board in October 2008. This rule change extended the chronic ammonia criteria from 3A and 3B waters to include 3C and 3D waters.

In the current permit, Outfall 001 and Outfall 002 to Beer Creek have an acute ammonia limit (maximum daily concentration) but does not have a chronic ammonia limit (30-day average concentration) due to the fact that the designated beneficial use of the receiving water in the waste load analysis was 3C (for aquatic life use) and did not have a chronic ammonia criterion in the water quality standards at the time of the permit issuance.

As a result of this rule change the new chronic ammonia standards will be difficult to meet with the current lagoons. Based on the wasteload allocation, the final ammonia will be 1.5 mg/l from all Outfalls. Given the treatment required to meet this rather stringent acute ammonia limit, DWQ is working with the facility resolve this issue and help the facility to comply with future permit limits through a compliance schedule and other means. It is anticipated that the facility will have to construct a new treatment plant capable of meeting the 1.5 mg/L 30-day average for ammonia.

As a result of the change in the chronic ammonia limit, and the facility's inability to meet the 1.5 mg/L 30 average for ammonia, a compliance schedule for the facility to come into compliance has been drafted. That schedule is listed below.

The permittee shall complete the listed items (below) by the indicated dates.

- a. By August 1, 2016 Salem City shall submit for Division approval the Wastewater Master Plan describing in detail the community needs, alternatives considered, pretreatment requirements (if necessary), and plans for financing and implementing the recommended and necessary improvements to the Salem wastewater treatment.
- b. By February 1, 2018 Salem City shall submit detailed construction plans and specifications to DWQ to obtain a construction permit.
- c. By February 1, 2019 Salem City shall commence construction of approved wastewater treatment upgrades as outlined in the DWQ construction permit.

- d. By August 1, 2021 Salem City shall complete construction of wastewater treatment upgrades and begin startup and optimization of upgraded wastewater treatment processes.
- e. After 1 year from the time construction is complete at the facility, Salem City shall achieve compliance with all effluent limits prescribed in UPDES Permit # UT0020907 including the new ammonia effluent limits. The final Ammonia limits from outfall 001 and Outfall 002 of 1.5 mg/L in all seasons.

SELF-MONITORING AND REPORTING REQUIREMENTS:

The following effluent self-monitoring requirements are based on the *Utah Monitoring, Recording and Reporting Frequency Guidelines* as effective December 1, 1991. Reports shall be made on DMR forms, and are due 28 days after the end of the monitoring month. These reporting requirements are being changed to more accurately reflect the facilities ability to monitor these parameters.

Table 1a. Self-Monitoring and Reporting Requirements			
Parameter	Frequency	Sample Type	Units
Influent Flow	Continuous	Recorder	MGD
Effluent Flow	Daily	Gauge	MGD
BOD₅	Weekly	Grab	mg/L
TSS	Weekly	Grab	mg/L
E. coli	Weekly	Grab	Col/100 ml
Total Residual Chlorine	Daily	Grab	mg/L
Ammonia	Weekly	Grab	mg/L
Oil & Grease /a	Monthly	Grab	mg/L
pH	Weekly	Grab	SU
Dissolved Oxygen	Weekly	Grab	mg/L
Metals, Influent and Effluent	Yearly Yearly	Composite Composite	mg/L mg/L
Organic Toxics, Influent and Effluent	1 st , 3 rd and 5 th Year of the permit	Grab	mg/L

- a/ Grab sample for Oil and Grease to be taken only when there is a visible sheen is observed in the effluent.

STORM WATER REQUIREMENTS:

A treatment works facility treating domestic sewage or any other sewage sludge, a wastewater treatment device or system used in the storage, treatment, recycling and reclamation of municipal sewage, and lands dedicated to the disposal of sewage sludge that are located within the confines of the facility is required to submit a Notice of Intent (NOI) specifically for the Utah Pollutant Discharge Elimination System Multi Sector General Permit for Industrial Activities by December 31, 2002, if the treatment facility meets one of the following two criteria,

1. any facility that holds an approved pretreatment program as described in 40CFR Part 403
2. or, has a design flow of 1.0 MGD or greater.

Salem fits one of these criteria for exclusion from a UPDES Storm Water Permit by a No Exposure Certification. Salem City has submitted these to the Division of Water Quality in the past and have met the requirements therein. However, since No Exposure Certifications are only good for five years, the facility will have to submit a new No Exposure Certification under this permit cycle. It is anticipated that the facility will meet all the requirements of the No Exposure Certification. Therefore, no storm water permitting requirements will be required at this time.

PRETREATMENT REQUIREMENTS:

The permittee has not been designated to develop the pretreatment program because the Division of Water Quality (DWQ) at this time is the Control Authority. There has been evidence of pass through at the POTW. Currently the DWQ is in the process of resolving the issues of pass through with the industrial user. Salem may be required to develop and implement the pretreatment program in the future, if additional industrial users are found impacting the POTW or if the DWQ determines that Salem should be the Control Authority rather than the DWQ.

Salem City shall conduct an Industrial Waste Survey (IWS) in order to determine whether the development of an industrial pretreatment program is warranted. The IWS should be completed within 180 days of permit issuance. If an Industrial User begins to discharge or an existing Industrial User changes their discharge, then Salem must resubmit an IWS no later than sixty days following the introduction or change as stated in Part II of the permit.

Any wastewater discharges to the sanitary sewer by industrial users are subject to Federal, State, and local pretreatment regulations. Pursuant to *Section 307 of the Clean Water Act*, the permittee shall comply with all applicable Federal General Pretreatment Regulations promulgated, found in *40 CFR Part 403* and the State Pretreatment Requirements found in *UAC R317-8-8*.

The permit requires Salem to yearly monitor the influent and effluent for metals and monitor the influent and effluent. Total toxic organics (TTOs) are required to be sampled on the 1st, 3rd and 5th year of the permit cycle. This monitoring is to determine the need for local limits. If local limits are developed by Salem, then it is recommended that Salem perform an annual evaluation of the need to revise or develop technically based local limits for pollutants of concern, to implement the general and specific prohibitions *40 CFR, Part 403.5(a)* and *Part 403.5(b)*. This evaluation may indicate that

present local limits are sufficiently protective, need to be revised or should be developed. It is required that Salem submit for review any local limits that are developed to the Division of Water Quality for review and if needed public notice.

BIOMONITORING REQUIREMENTS:

As part of a nationwide effort to control toxic discharges, biomonitoring requirements are being included in permits for facilities where effluent toxicity is an existing or potential concern. In Utah, this is done in accordance with the *State of Utah Permitting and Enforcement Guidance Document for Whole Effluent Toxicity (WET) Control (Biomonitoring)* (2/1991). Authority to require effluent biomonitoring is provided in *Permit Conditions, UAC R317-8-4.2, Permit Provisions, UAC R317-8-5.3, and Water Quality Standards, UAC R317-2-5 and R317-2-7.2.*

Salem City Wastewater Treatment Facility is a minor municipal facility, which discharges less than one (1) MGD, and has no categorical industries contributing to the wastewater system. The dilution ratio of the irrigation ditch to discharge is approximately 2 to 1. Based on these considerations, there is no reasonable potential for toxicity in Salem City's discharge (per *State of Utah Permitting and Enforcement Guidance Document for Whole Effluent Toxicity Control*). As such, there will be no numerical WET limitations or WET monitoring requirements in this permit. However, the permit will contain a toxicity limitation re-opener provision. This provision allows for modification of the permit, should additional information indicate the presence of toxicity in the discharge.

BIOSOLIDS (SLUDGE) DISPOSAL REQUIREMENTS:

Because the permitted facility is a lagoon, there is no regular sludge production. Therefore requirements of 40 CFR 503 do not apply unless or until sludge is removed from the bottom of the lagoon and used or disposed of in some way.

TMDL REQUIREMENTS: This facility ultimately discharges to Utah Lake which is listed on Utah's 2006 303(d) list of impaired waterbodies as defined in the Clean Water Act. As required under federal regulations, a total maximum daily load (TMDL) will be developed for all 303(d) listed waters. Specifically, Utah Lake has been identified as impaired for total phosphorous (TP) and Total Dissolved Solids (TDS). Currently, a TMDL evaluation is underway for the lake. The TMDL process may result in pollutant load reductions and wasteload allocations for either of these constituents. Wasteload allocations would then be translated to effluent limits in UPDES permits. It is therefore strongly recommended that the facilities' staff participate in the TMDL process. It is also recommended that the facility self-monitor TP and TDS on a monthly basis in order to better quantify their contribution of phosphorus and Total Dissolved Solids loading to the lake. The TMDL staff at the Division of Water Quality will be responsible for scheduling and notifying appropriate facility personnel regarding TMDL meetings. In addition, please contact your UPDES permit writer for information on scheduled TMDL meetings.

PERMIT DURATION: It is recommended that this permit be effective for a duration of 5 years.

PUBLIC NOTICE: This permit was public noticed in the Provo Daily Herald and also on the Division of Water Quality's website from February 26, 2015 – March 31, 2015. We received comments from Salem City's submitted via e-mail on March 24, 2015. We have corrected the inconsistencies between the Permit and the Fact Sheet and Statement of Basis that were noted in the comments.

Drafted by Lonnie Shull
Environmental Scientist, Utah Division of Water Quality
January 28, 2015
Updated April 1, 2015

